

**EAST Search History**

SEARCH

see 1/9/07

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	148	pulsed adj corona adj discharge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 13:37
L2	13	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$ or treat) with (bottle or container) and (pulsed or pulse) with corona	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:12
L3	110	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$ or treat) with (surface) and (pulsed or pulse) with corona	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:20
L4	9620913	plasma with (wet or aqueous or condensate or moisture) wuth surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:20
L5	3771	plasma with (wet or aqueous or condensate or moisture) with surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:21
L6	1094	plasma with (wet or aqueous or condensate or moisture) near4 surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:21
L7	121	plasma with discharge with (wet or aqueous or condensate or moisture) near4 surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:22
L8	42	plasma with discharge with wet near4 surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:23

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L9	621	plasma with wet near4 surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:23
L10	226	corona with wet near4 surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:31
L11	0	plasma with discharge with wet near4 article	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:23
L12	373	corona and (pulsed or pulse) with voltage and electrostatic adj field	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:42
L13	522	corona adj discharge with (pulsed or pulse) near3 voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:42
L14	315	corona adj discharge with (pulsed or pulse) near3 voltage and surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:44
L15	75	corona adj discharge with (pulsed or pulse) adj voltage and surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 14:51
L16	38	corona adj discharge with (pulsed or pulse) adj voltage and electrostatic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 15:00

## EAST Search History

L17	7	corona adj discharge with (pulsed or pulse) adj voltage and (bottle or jar or container)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 15:40
L18	14	corona adj discharge with (pulsed or pulse) adj voltage and ozone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 15:41
S1	171	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and surface and high near3 voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 11:01
S2	132	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and surface and high near3 voltage and (water or liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 11:18
S3	81	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and surface and high near3 voltage and (water or liquid) and (pulse or pulsed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 11:29
S4	11	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and surface and high near3 voltage and wet and plasma and (pulse or pulsed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 11:32
S5	0	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and surface and high near3 voltage and wet near3 (container or bottle) and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 11:32
S6	0	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and wet near3 (container or bottle) and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 11:32

## EAST Search History

S7	1	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and wet near3 (container or bottle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 11:36
S8	1	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and (container or bottle) and pulsed near3 corona	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 11:36
S9	2	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and (container or bottle) and pulsed with corona	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 11:43
S10	9	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and (container or bottle) and pulsed with plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 12:22
S11	21	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and (container or bottle) and pulsed and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 15:30
S12	30	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) with surface and (pulsed or pulse) and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 15:41
S13	30	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) with surface and (pulsed or pulse) and plasma and (wet or liquid or aqueous or water)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/08 15:48
S14	8	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) with surface and (pulsed or pulse) and plasma and moisture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:01

## EAST Search History

S15	1	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and (pulsed or pulse) and plasma and wet near3 articles	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:01
S16	3	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and (pulsed or pulse) and plasma and wet with (items or surface or articles)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:16
S17	18	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and plasma and condensation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:18
S18	1	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) with (bottle or container) and wet near3 (container or bottle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:18
S19	1	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) with (bottle or container) and wet near3 (container or bottle or surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:19
S20	3	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) with (bottle or container or surface) and wet near3 (container or bottle or surface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:36
S21	2	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) with (bottle or container) and (pulsed or pulse) and electrostatic adj field	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:42
S22	17	discharge near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) with (bottle or container) and (pulsed or pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:50

## EAST Search History

S23	1	("6403029").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 11:47
S24	36	(discharge or high) near3 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) with (bottle or container) and (pulsed or pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:52
S25	3	(discharge or high) near5 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$ or treat) with (bottle or container) and (pulsed or pulse) not S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 11:52
S26	139	(discharge or high) near5 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$ or treat) with (surface) and (pulsed or pulse) not S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 12:05
S27	23	(discharge or high) near5 electrode and ground near3 electrode and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$ or treat) with (surface or article or item or instrument or bottle or contianer) with (wet or water or moist or condensate or condensation) and (pulsed or pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 12:08
S28	2588	plasma and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$ or treat) with (surface or article or item or instrument or bottle or contianer) and (pulsed or pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 12:08
S29	884	plasma and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$ or treat) with (bottle or container) and (pulsed or pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 12:08
S30	206	plasma and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$ or treat) with (bottle or container) and (pulsed or pulse) and wet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 12:08

## EAST Search History

S31	53	plasma and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$ or treat) with (bottle or container) and (pulsed or pulse) and wet and discharge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 12:11
S32	171	plasma and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$ or treat) with (bottle or container) and (pulsed or pulse) and water and discharge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 12:11
S33	56	plasma and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$ or treat) with (bottle or container) and (pulsed or pulse) and water with surface and discharge	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 13:37
S34	14	electrostatic adj field and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$ or treat) with (bottle or container) and (pulsed or pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 12:19
S35	160	electrostatic adj field and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$ or treat) near3 surface and (pulsed or pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 12:19
S36	43	electrostatic adj field and (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$ or treat) near3 surface and (pulsed or pulse) near5 voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 12:23
S37	1790	electrostatic adj field and (pulsed or pulse) near5 voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 12:23
S38	100	electrostatic adj field with (pulsed or pulse) near5 voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 13:37

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	135	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) near5 (bottle or jar or container or package or packaging) and electrode and discharge and high near5 voltage and ground	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L2	135	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) near5 (bottle or jar or container or package or packaging) and electrode and discharge and high near5 voltage and ground	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L4	63	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and (container or package or packaging or film or material or jar or bottle) and discharge adj electrode and high near5 voltage and ground near3 electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L5	21	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) near4 (container or package or packaging or film or material or jar or bottle) and discharge adj electrode and high near5 voltage and ground near3 electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L6	3	((("3466850") or ("5084239")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/09 16:18
L7	1066	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and (bottle or jar or container or package or packaging or film) and electrode and discharge and voltage and ground not L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L8	9	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and discharge adj electrode and high near5 voltage and ground near3 electrode and (package or packaging)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L9	140	(bottle or jar or container or package or packaging ) with electrode near3 discharge and high near5 voltage and ground	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18

## EAST Search History

L10	48	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) with (bottle or jar or container or package or packaging or film) and electrode and discharge and high near5 voltage and ground not L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L11	1	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and discharge adj electrode and high near5 voltage and ground near3 electrode and (package or packaging) and discharge near5 (helical or spiral)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L12	697167	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and discharge adj electrode and high near5 voltage and ground near3 electrode and (package or packaging) and dischargenear5 (helical or spiral)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L13	71	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and (container or package or packaging or film or material or jar or bottle) and discharge adj electrode and ground near3 electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L14	33	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and discharge adj electrode and ground near3 electrode not L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L15	96	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and discharge adj electrode and ground near3 electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L17	140	discharge with electrode with spiral and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L18	495	discharge with electrode with container with inside	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18

## EAST Search History

L19	134	discharge near5 electrode near5 container near4 inside	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L20	7	discharge with electrode with (jar or bottle or package or packaging) near4 inside and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L21	360	discharge with electrode with container near4 inside	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L22	953	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and discharge with electrode and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L23	140	discharge with electrode with spiral and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L24	77	discharge with electrode with container near4 inside and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L25	17	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and discharge with electrode with (helical or spiral) and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L26	173	discharge with electrode with (screw or thread or thread or helical) and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18

## EAST Search History

L27	1064	discharge with electrode with (screw or thread or thread or helical) not L26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L29	138	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and discharge with electrode and ground near3 electrode and plasma and (oxygen or nitrogen or hydrogen or (carbon adj dioxide) or air or argon or helium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L30	6	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and discharge with electrode with (screw) and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L31	238	discharge near5 electrode with container near4 inside	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L32	4	plasma and discharge near3 electrode near7 helix	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L33	5	plasma and discharge near3 electrode near3 screw	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L34	61	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) near3 surface and (bottle or jar or container or package or packaging) and electrode near5 discharge and plasma and vapor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L35	53	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) near3 surface and (bottle or jar or container or package or packaging) and electrode near5 discharge and plasma and voltage and water	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18

## EAST Search History

L36	733	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and (bottle or jar or container or package or packaging) and electrode and discharge and plasma and voltage and water	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L37	2	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) near3 surface and electrode near5 discharge and plasma and cloud near4 (surface or material)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L38	66	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) near3 surface and (bottle or jar or container or package or packaging) and electrode near5 discharge and plasma and (liquid or wash)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L39	4	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) near5 surface and electrode near5 discharge and plasma and voltage and gas with (humidity or humidify)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L40	1411	plasma and electrode near5 (helix or helical or spiral)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L42	23	plasma and discharge near3 electrode near7 helical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L43	131	electrode near5 discharge and plasma and gas with (humidity or humidify)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L44	2	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) near3 surface and (bottle or jar or container or package or packaging) and electrode near5 discharge and plasma and voltage and gas near5 humidified	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18

## EAST Search History

L45	6	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) near5 surface and electrode near5 discharge and plasma and voltage and gas and water near4 spray	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L46	1	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) near5 surface and electrode near5 discharge and plasma and voltage and gas and water with humidified	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L47	610	plasma and electrode near5 (helix or helical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L48	20	plasma and discharge near3 electrode near5 helical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L49	71	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) near3 surface and electrode near5 discharge and plasma and (liquid or chemical) with (steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L50	2	plasma and discharge near3 electrode near3 thread	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L51	20	plasma and discharge near3 electrode near5 spiral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L53	4	plasma and electrode near3 screw near3 shaped	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18

## EAST Search History

L54	103	plasma and discharge with electrode near3 (helix or helical or spiral)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L56	98	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and plasma and electrode near3 (helix or helical or spiral)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L58	1036	plasma and electrode near3 (helix or helical or spiral)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L60	1776825	discharge ner3 electrode near3 (helix or helical or spiral)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L61	29	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and plasma and electrode near3 (screw)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L62	56	(steriliz\$ or disinfect\$ or decontaminat\$ or sanitiz\$) and plasma and electrode near3 (helix or helical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L63	7	"9605653"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L64	17	MASAOKA with SATOSHI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18

## EAST Search History

L65	461	422/23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L66	426	422/186.05	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L67	0	"199722369"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L68	1	"09605653"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L69	1174	422/186.04	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L70	773	plasma and discharge adj electrodes and high near3 voltage and ground	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L71	2	"20040047762"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L72	28	"605653"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18

## EAST Search History

L73	1193	422/22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L76	323	HASEGAWA with HIDEO	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L77	3	"9722369"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L78	15	HASEGAWA with HIDEO and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18
L79	3	"9722369"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/09 16:18